

## EAST Search History

| Ref # | Hits | Search Query  | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--|------------------|---------|------------------|
| L1    | 37   | (US-20060050032-\$ or US-20060001613-\$ or US-20040125046-\$ or US-20050219163-\$ or US-20040263045-\$ or US-20020152813-\$ or US-20030189579-\$ or US-20020075216-\$ or US-20030018604-\$ or US-20030133243-\$ or US-20030223275-\$ or US-20040085029-\$ or US-20040189275-\$ or US-20040196275-\$ or US-20040201556-\$ or US-20040239668-\$ or US-20030197473-\$ or US-20020024513-\$ or US-20040085025-\$ or US-20040080279-\$ or US-20040233183-\$ or US-20060038758-\$).did. or (US-6201520-\$ or US-6014119-\$ or US-5821690-\$ or US-5594463-\$ or US-5886755-\$ or US-6678319-\$ or US-6832729-\$ or US-7292234-\$ or US-7277073-\$ or US-7443391-\$ or US-7358937-\$ or US-7233322-\$ or US-7227517-\$ or US-7420529-\$ or US-6972526-\$).did. | US-PGPUB; USPAT  | OR               | ON      | 2008/12/05 10:10 |
| L2    | 22   | (source or main or reference) near3 current and (current adj generat \$4) and (current adj mirror) and input and output and driv\$4 and 1   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2008/12/05 10:13 |
| L3    | 17   | ((digital with analogue) or "d/a" or (d adj a) or d \$1a\$1) and 2  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2008/12/05 10:15 |

|    |    |  |  |    |    |                  |
|----|----|--|--|----|----|------------------|
| L4 | 17 | (switch\$3 or selector or multiplex\$4 or mux or demultiplex\$4 or demux) and 3  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/05 10:19 |
| L5 | 16 | (electro\$1 luminescent\$1 or (electro adj luminescent) or organic or oled) and 4  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/05 10:35 |
| L6 | 3  | "20050024300"  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/05 12:08 |
| L7 | 38 | (US-20060050032-\$ or US-20060001613-\$ or US-20040125046-\$ or US-20050219163-\$ or US-20040263045-\$ or US-20020152813-\$ or US-20030189579-\$ or US-20020075216-\$ or US-20030018604-\$ or US-20030133243-\$ or US-20030223275-\$ or US-20040085029-\$ or US-20040189275-\$ or US-20040196275-\$ or US-20040201556-\$ or US-20040239668-\$ or US-20030197473-\$ or US-20020024513-\$ or US-20040085025-\$ or US-20040080279-\$ or US-20040233183-\$ or US-20060038758-\$ or US-20050024300-\$).did. or (US-6201520-\$ or US-6014119-\$ or US-5821690-\$ or US-5594463-\$ or US-5886755-\$ or US-6678319-\$ or US-6832729-\$ or US-7292234-\$ or US-7277073-\$ or US-7443391-\$ or US-7358937-\$ or US-7233322-\$ or US-7227517-\$ or US-7420529-\$ or US-6972526-\$).did. | US-PGPUB; USPAT  | OR | ON | 2008/12/05 13:16 |

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|-----|-----|---|--|----|----|------------------|
| L8  | 23  | (source or main or reference) near3 current and (current adj generat \$4) and (current adj mirror) and input and output and driv\$4 and 7 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/05 13:16 |
| L9  | 18  | ((digital with analogue) or "d/a" or (d adj a) or d \$1a\$1) and 8  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/05 13:16 |
| L10 | 2   | "reference current input" and "ratioed current input" and "ratio control input" and "current input" and "20070046603"                     | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/05 13:26 |
| L12 | 3   | (reference and current) and "20050024300"   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/05 13:52 |
| L14 | 2   | (reference adj current) and input and output and "20050024300"  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/05 13:58 |
| L15 | 2   | (current) and input and output and "20050024300"  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/05 14:53 |
| L16 | 3   | (current adj mirror) and "20050024300"  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/05 14:58 |
| L17 | 0   | "20050219163" and electrode and current and driv\$4 and control and selector  | US-PGPUB; USPAT  | OR | ON | 2008/12/05 19:05 |
| L18 | 1   | "20050219163" and electrode and current and driv\$4 and control and (selector or switch)  | US-PGPUB; USPAT  | OR | ON | 2008/12/05 19:05 |
| L19 | 1   | "20050219163" and electrode and (current adj driv\$4) and control and (selector or switch)  | US-PGPUB; USPAT  | OR | ON | 2008/12/05 19:07 |
| L20 | 107 | electrode with (current adj driv\$4) and control and selector   | US-PGPUB; USPAT  | OR | ON | 2008/12/05 19:10 |

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| L21 | 0  | electrode with (current adj driv\$4) and control and selector and 7  | US-PGPUB;<br>USPAT   | OR | ON | 2008/12/05<br>19:10 |
| L22 | 73 | @ay<"2005" and 20  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/12/05<br>19:10 |
| L23 | 0  | electrode with (current adj driver) and control and selector and 7   | US-PGPUB;<br>USPAT   | OR | ON | 2008/12/05<br>19:13 |
| L24 | 11 | electrode with (current adj driver) and control and selector   | US-PGPUB;<br>USPAT   | OR | ON | 2008/12/05<br>19:13 |
| S1  | 40 | ("20020024513"  <br>"20020063671"  <br>"20020083655"  <br>"20020158832"  <br>"20030018604"  <br>"20030193463"  <br>"20040125046"  <br>"20040150608"  <br>"20040169463"  <br>"20040249615"  <br>"20050218791"  <br>"20060001613"  <br>"20060050032"  <br>"20070069992"  <br>"20070085779"  <br>"3621321"   "4539507"  <br>"4672265"   "5247190"  <br>"5646652"   "5654734"  <br>"5684502"   "5747182"  <br>"5807627"   "5821690"  <br>"5965901"   "6014119"  <br>"6151414"   "6201520"  <br>"6332661"   "6429601"  <br>"6496168"   "6558219"  <br>"6558818"   "6605823"  <br>"6897473"   "7049010"  <br>"7078251"   "7125952"  <br>"7151341").PN. | US-PGPUB;<br>USPAT   | OR | ON | 2008/11/24<br>11:34 |
| S2  | 28 | S1 and matrix  | US-PGPUB;<br>USPAT   | OR | ON | 2008/11/24<br>11:35 |
| S3  | 14 | S2 and matrix.clm.   | US-PGPUB;<br>USPAT   | OR | ON | 2008/11/24<br>11:37 |
| S4  | 12 | S2 and (not display).clm.  | US-PGPUB;<br>USPAT   | OR | ON | 2008/11/24<br>11:38 |
| S5  | 13 | S3 and "12"  | US-PGPUB;<br>USPAT   | OR | ON | 2008/11/24<br>11:38 |
| S6  | 2  | S3 and S4  | US-PGPUB;<br>USPAT   | OR | ON | 2008/11/24<br>11:38 |

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|-----|----|---|-----------------|----|----|------------------|
| S7  | 39 | ("20020024513"   "20020063671"   "20020083655"   "20020158832"   "20030018604"   "20030193463"   "20040125046"   "20040150608"   "20040169463"   "20040249615"   "20050218791"   "20060001613"   "20060050032"   "20070085779"   "3621321"   "4539507"   "4672265"   "5247190"   "5646652"   "5654734"   "5684502"   "5747182"   "5807627"   "5821690"   "5965901"   "6014119"   "6151414"   "6201520"   "6332661"   "6429601"   "6496168"   "6558219"   "6558818"   "6605823"   "6897473"   "7049010"   "7078251"   "7125952"   "7151341").PN. | US-PGPUB; USPAT | OR | ON | 2008/11/24 13:49 |
| S8  | 12 | S1 not S2   | US-PGPUB; USPAT | OR | ON | 2008/11/24 14:29 |
| S9  | 1  | S1 not S7   | US-PGPUB; USPAT | OR | ON | 2008/11/24 14:29 |
| S10 | 40 | ("20020024513"   "20020063671"   "20020083655"   "20020158832"   "20030018604"   "20030193463"   "20040125046"   "20040150608"   "20040169463"   "20040249615"   "20050218791"   "20060001613"   "20060050032"   "20070069992"   "20070085779"   "3621321"   "4539507"   "4672265"   "5247190"   "5646652"   "5654734"   "5684502"   "5747182"   "5807627"   "5821690"   "5965901"   "6014119"   "6151414"   "6201520"   "6332661"   "6429601"   "6496168"   "6558219"   "6558818"   "6605823"   "6897473"   "7049010"                          | US-PGPUB; USPAT | OR | ON | 2008/11/24 15:21 |

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|-----|------|---|-----------------|----|----|------------------|
|     |      | "7078251"   "7125952"   "7151341").PN.  |                 |    |    |                  |
| S11 | 0    | ("Euan C. Smith" or "Euan Christopher smith").in.   | US-PGPUB; USPAT | OR | ON | 2008/11/24 15:45 |
| S12 | 0    | ("Euan C. Smith").in.   | US-PGPUB; USPAT | OR | ON | 2008/11/24 15:45 |
| S13 | 0    | ("Euan Christopher smith").in.  | US-PGPUB; USPAT | OR | ON | 2008/11/24 15:46 |
| S14 | 50   | (smith).in. and (cambridgeshire).inci.  | US-PGPUB; USPAT | OR | ON | 2008/11/24 15:47 |
| S15 | 1    | "5594463".pn.   | US-PGPUB; USPAT | OR | ON | 2008/11/24 16:41 |
| S16 | 1    | "20070066992"   | US-PGPUB; USPAT | OR | ON | 2008/11/24 17:45 |
| S17 | 1    | "20060001613" and pixel and electrode and matrix  | US-PGPUB; USPAT | OR | ON | 2008/11/25 09:06 |
| S18 | 1    | "20070069992" and pixel and electrode and matrix and drive  | US-PGPUB; USPAT | OR | ON | 2008/11/25 09:12 |
| S19 | 1    | "20060001613" and pixel and electrode and matrix and drive and (column or row or first or second)   | US-PGPUB; USPAT | OR | ON | 2008/11/25 09:16 |
| S20 | 1    | "20060001613" and image and data  | US-PGPUB; USPAT | OR | ON | 2008/11/25 10:17 |
| S21 | 1    | "20060001613" and image and data and matrix   | US-PGPUB; USPAT | OR | ON | 2008/11/25 10:19 |
| S22 | 9    | (US-20060050032-\$ or US-20060001613-\$ or US-20040125046-\$ or US-20050219163-\$ or US-20040263045-\$).did. or (US-6201520-\$ or US-6014119-\$ or US-5821690-\$ or US-5594463-\$).did. | US-PGPUB; USPAT | OR | ON | 2008/11/25 10:41 |
| S23 | 8    | S22 and matrix  | US-PGPUB; USPAT | OR | ON | 2008/11/25 10:41 |
| S24 | 4796 | (factor\$8 or divid\$4 or division or separat\$4 or split\$5) with matrix with (sum or product or into) same matrices   | US-PGPUB; USPAT | OR | ON | 2008/11/25 10:50 |
| S25 | 4796 | (factor\$8 or divid\$4 or division or separat\$4 or split\$5) with matrix with (sum or product or into) with matrices   | US-PGPUB; USPAT | OR | ON | 2008/11/25 10:51 |

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| S26 | 145     | S25 and "345".clas.   | US-PGPUB;<br>USPAT | OR | ON | 2008/11/25<br>10:51 |
| S27 | 5065670 | @ay< "2005"   | US-PGPUB;<br>USPAT | OR | ON | 2008/11/25<br>10:51 |
| S28 | 5065670 | @ay< "2005" and S27   | US-PGPUB;<br>USPAT | OR | ON | 2008/11/25<br>10:51 |
| S29 | 119     | @ay< "2005" and S26   | US-PGPUB;<br>USPAT | OR | ON | 2008/11/25<br>10:52 |
| S30 | 2670    | (factor\$8 or divid\$4 or division or separat\$4 or split\$5) near5 matrix with (sum or product or into) with "matrices"  | US-PGPUB;<br>USPAT | OR | ON | 2008/11/25<br>10:57 |
| S31 | 56      | S30 and "345".clas.   | US-PGPUB;<br>USPAT | OR | ON | 2008/11/25<br>10:57 |
| S32 | 39      | @ay< "2005" and S31   | US-PGPUB;<br>USPAT | OR | ON | 2008/11/25<br>10:57 |
| S33 | 0       | ((Q\$1R or "QR") adj decomposition) and ((L \$1U or "LU")adj decomposition) and ((S \$1V\$1D or "SVD") adj decompson) and matrix and ((orthogonal or triangular) same matrix) | US-PGPUB;<br>USPAT | OR | ON | 2008/11/25<br>11:17 |
| S34 | 0       | ((Q\$1R or "QR") adj decomposition) and ((L \$1U or "LU")adj decomposition) and ((S \$1V\$1D or "SVD") adj decompson) and matrix  | US-PGPUB;<br>USPAT | OR | ON | 2008/11/25<br>11:18 |
| S35 | 0       | ((Q\$1R or "QR") or (L\$1U or "LU") or (S\$1V\$1D or "SVD")) adj decompson and matrix   | US-PGPUB;<br>USPAT | OR | ON | 2008/11/25<br>11:18 |
| S36 | 9806    | ((Q\$1R or "QR") or (L\$1U or "LU") or (S\$1V\$1D or "SVD")) same matrix  | US-PGPUB;<br>USPAT | OR | ON | 2008/11/25<br>11:19 |
| S37 | 1583    | S36 and (orthogonal or triangular) same matrix  | US-PGPUB;<br>USPAT | OR | ON | 2008/11/25<br>11:20 |
| S38 | 72      | S37 and "345".clas.   | US-PGPUB;<br>USPAT | OR | ON | 2008/11/25<br>11:20 |
| S39 | 62      | @ay< "2005" and S38   | US-PGPUB;<br>USPAT | OR | ON | 2008/11/25<br>11:20 |
| S40 | 253     | ((Q\$1R or "QR") and (L \$1U or "LU") and (S\$1V \$1D or "SVD")) and matrix   | US-PGPUB;<br>USPAT | OR | ON | 2008/11/25<br>11:22 |
| S41 | 209     | @ay< "2005" and S40   | US-PGPUB;<br>USPAT | OR | ON | 2008/11/25<br>11:22 |

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| S42 | 4   | S41 and "345".clas.  | US-PGPUB;<br>USPAT   | OR | ON | 2008/11/25<br>11:23 |
| S43 | 205 | S41 not S42  | US-PGPUB;<br>USPAT   | OR | ON | 2008/11/25<br>11:25 |
| S44 | 494 | ((Q\$1R or (Q adj R)) and<br>(L\$1U or (L adj U)) and (S<br>\$1V\$1D or (S adj V adj<br>D))) and matrix  | US-PGPUB;<br>USPAT   | OR | ON | 2008/11/25<br>11:35 |
| S45 | 396 | @ay< "2005" and S44  | US-PGPUB;<br>USPAT   | OR | ON | 2008/11/25<br>11:35 |
| S46 | 8   | S45 and "345".clas.  | US-PGPUB;<br>USPAT   | OR | ON | 2008/11/25<br>11:36 |
| S47 | 494 | ((Q\$1R or (Q adj1 R))<br>and (L\$1U or (L adj1 U))<br>and (\$S\$1V\$1D or (S adj1<br>V adj1 D))) and matrix   | US-PGPUB;<br>USPAT   | OR | ON | 2008/11/25<br>11:37 |
| S48 | 1   | (third adj factor) and<br>"20070069992"  | US-PGPUB;<br>USPAT   | OR | ON | 2008/12/01<br>10:23 |
| S49 | 12  | ((Q\$1R or "QR") adj<br>decomposition) and ((L<br>\$1U or "LU")adj<br>decomposition) and (((S<br>\$1V\$1D or "SVD") adj<br>decompstion) or<br>(singular adj value adj<br>decomposition)) | US-PGPUB;<br>USPAT   | OR | ON | 2008/12/01<br>10:28 |
| S50 | 4   | @ay< "2005" and S49  | US-PGPUB;<br>USPAT   | OR | ON | 2008/12/01<br>10:29 |
| S51 | 12  | ((Q\$1R or "QR") adj<br>decomposition) and ((L<br>\$1U or "LU")adj<br>decomposition) and (((S<br>\$1V\$1D or "SVD") adj<br>decompstion) or<br>(singular adj value adj<br>decomposition)) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/12/01<br>10:29 |
| S52 | 4   | @ay< "2005" and S51  | US-PGPUB;<br>USPAT   | OR | ON | 2008/12/01<br>10:30 |
| S53 | 4   | @ay< "2005" and S51  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/12/01<br>10:30 |
| S54 | 610 | (((S\$1V\$1D or "SVD") adj<br>decompstion) or<br>(singular adj value adj<br>decomposition)) and<br>drive and display and<br>image  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/12/01<br>11:10 |

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| S55 | 84   | ("345" or "315").clas. and S54   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/01<br>11:12 |
| S56 | 62   | @ay<"2005" and S55   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/01<br>11:12 |
| S57 | 0    | "09528700".pn. and ((S \$1V\$1D or "SVD") adj decompstion)   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/01<br>16:08 |
| S58 | 0    | "09528700".pn. and (((S \$1V\$1D or "SVD") adj decompstion) or (singular adj value adj decomposition)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/01<br>16:09 |
| S62 | 1    | wenguo and "20070069992"   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/01<br>16:43 |
| S63 | 2700 | (selective\$3 adj driv\$4) and (threshold or max or Maximum) with value                                | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/01<br>17:23 |
| S64 | 89   | (selective\$3 adj driv\$4) same (threshold or max or Maximum) with value                               | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/01<br>17:23 |
| S65 | 44   | @ay<"2005" and S64   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/01<br>17:23 |
| S66 | 2    | driving and "20060001613"  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/01<br>17:42 |
| S67 | 50   | "5874932"  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/01<br>18:28 |

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| S68 | 2      | "5874932".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/12/01<br>18:28 |
| S69 | 44     | (subframe or (sub adj frame) or sub\$1frame\$1) with (combin\$5 or merg \$5 or unit&5 or join\$5 or integrat\$5) with form with (image or picture)                             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/12/01<br>18:33 |
| S70 | 29     | @ay<"2005" and S69   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/12/01<br>18:34 |
| S71 | 91     | (subframe or (sub adj frame) or sub\$1frame\$1) with (combin\$5 or merg \$5 or unit&5 or join\$5 or integrat\$5) with (form or generat\$4 or creat\$4) with (image or picture) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/12/01<br>18:46 |
| S72 | 51     | @ay<"2005" and S71   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/12/01<br>18:46 |
| S73 | 594193 | scan display and "20060001613"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/12/01<br>18:55 |
| S74 | 2      | "20060001613"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/12/01<br>18:55 |
| S75 | 6      | ((Q\$1R or "QR") adj decomposition) and ((L \$1U or "LU")adj decomposition) and ((non adj negative) or non \$1negative) and matrix   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/12/01<br>19:31 |
| S76 | 6      | ((Q\$1R or "QR") adj decomposition) and ((L \$1U or "LU")adj decomposition) and ((non adj negative) or non \$1negative)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/12/01<br>19:32 |

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| S77 | 23  | ((Q\$1R or "QR") adj decomposition) and ((L \$1U or "LU")adj decomposition)                                | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/01<br>19:33 |
| S78 | 12  | @ay<"2005" and S77   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/01<br>19:33 |
| S79 | 136 | ((non adj negative) or non \$1negative) adj matrix   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/01<br>19:56 |
| S80 | 63  | @ay<"2005" and S79   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/01<br>19:57 |
| S81 | 6   | "6512919".pn.<br>"20050017453"<br>"20020102966"<br>"20050040230"   | US-PGPUB; USPAT  | OR | ON | 2008/12/02<br>08:43 |
| S88 | 3   | (mobile wiht telephone)<br>and (price with<br>information) same (two<br>with different with<br>currencies) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/02<br>09:07 |
| S90 | 0   | S81 and artice and stock   | US-PGPUB; USPAT  | OR | ON | 2008/12/02<br>11:21 |
| S91 | 2   | S81 and article and stock  | US-PGPUB; USPAT  | OR | ON | 2008/12/02<br>11:21 |
| S92 | 3   | S81 and (article or stock)   | US-PGPUB; USPAT  | OR | ON | 2008/12/02<br>11:25 |
| S93 | 6   | S81 and ((I adj D) or i\$1d<br>\$1 or identification) and<br>information                                   | US-PGPUB; USPAT  | OR | ON | 2008/12/02<br>11:27 |
| S94 | 0   | S88 and article and<br>(stock adj quantity)  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/02<br>11:31 |
| S95 | 2   | S88 and article and stock  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/02<br>11:31 |
| S96 | 137 | ((non adj negative) or non<br>\$1negative) adj matrix  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/02<br>13:41 |

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| S97  | 63 | @ay< "2005" and S96   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/12/02<br>13:41 |
| S98  | 2  | ((Q\$1R or "QR") adj decomposition) and ((L \$1U or "LU")adj decomposition) with (factoris\$6 or factoriz\$6)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/12/02<br>13:48 |
| S99  | 15 | (US-20060050032-\$ or US-20060001613-\$ or US-20040125046-\$ or US-20050219163-\$ or US-20040263045-\$ or US-20020152813-\$ or US-20030189579-\$ or US-20020075216-\$ or US-20030018604-\$).did. or (US-6201520-\$ or US-6014119-\$ or US-5821690-\$ or US-5594463-\$ or US-5886755-\$ or US-6678319-\$).did. | US-PGPUB;<br>USPAT   | OR | ON | 2008/12/02<br>14:23 |
| S100 | 0  | ((non adj negative) or non \$1negative) and S95   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/12/02<br>14:23 |
| S101 | 1  | ((non adj negative) or non \$1negative) and S99   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/12/02<br>14:23 |
| S102 | 1  | "I" and "W" and "Q" and S99   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/12/02<br>15:02 |
| S103 | 0  | "I" and "W" and "Q" and "20070069992"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/12/02<br>15:08 |
| S104 | 1  | "I" and "W" and "H" and "20070069992"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/12/02<br>15:08 |

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| S105 | 0    | display and subpixel and green and "20060001613"   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/02 15:25 |
| S106 | 1    | display and green and "20060001613"  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/02 15:25 |
| S107 | 0    | display and subpixel and green and "20060001613"   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/02 15:27 |
| S108 | 1    | display and subpixel and green and "20070069992"   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/02 15:27 |
| S109 | 1    | subpixel and green and "20070069992"   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/02 15:28 |
| S110 | 1    | pixel and green and "20060001613"  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/02 15:31 |
| S111 | 2515 | green with (pixel or (sub adj pixel) or sub\$1pixel \$1) with (prominen\$4 or importan\$4 or often or more or frequent)  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/02 15:44 |
| S112 | 1629 | @ay< "2005" and S111   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/02 15:44 |
| S113 | 848  | green adj2 (pixel or (sub adj pixel) or sub\$1pixel \$1) with (prominen\$4 or importan\$4 or often or more or frequent)  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/02 15:45 |
| S114 | 401  | green adj2 (pixel or (sub adj pixel) or sub\$1pixel \$1) near5 (prominen\$4 or importan\$4 or often or more or frequent) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/02 15:45 |

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| S115 | 246 | @ay<"2005" and S114   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/12/02<br>15:46 |
| S116 | 53  | S115 and ("345" or "340"<br>or "315").clas.   | US-PGPUB;<br>USPAT   | OR | ON | 2008/12/02<br>15:47 |
| S117 | 2   | more near2 green adj2<br>(pixel or (sub adj pixel)<br>or sub\$1pixel\$1) with<br>(prominen\$4 or importan<br>\$4 or often or frequent)            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/12/02<br>15:52 |
| S118 | 1   | more near5 green adj2<br>(pixel or (sub adj pixel)<br>or sub\$1pixel\$1) with<br>perception   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/12/02<br>15:54 |
| S119 | 21  | green adj2 (pixel or (sub<br>adj pixel) or sub\$1pixel<br>\$1) with perception  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/12/02<br>15:54 |
| S120 | 17  | @ay<"2005" and S119   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/12/02<br>15:55 |
| S121 | 455 | "3971065"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/12/02<br>16:00 |
| S122 | 3   | "3971065".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/12/02<br>16:00 |
| S123 | 1   | "3971065".pn. and green   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/12/02<br>16:02 |
| S124 | 39  | green adj2 (pixel or (sub<br>adj pixel) or sub\$1pixel<br>\$1) with (prominen\$4 or<br>importan\$4 or often or<br>more or frequent) with<br>bayer | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/12/02<br>16:04 |

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| S125 | 43 | green adj2 (pixel or (sub adj pixel) or sub\$1pixel \$1) with (prominen\$4 or importan\$4 or often or more or frequent) with accurat\$5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/02<br>16:19 |
| S126 | 30 | @ay< "2005" and S125  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/02<br>16:19 |
| S127 | 1  | pixel and green and "20060001613"   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/02<br>16:54 |
| S128 | 1  | "20060001613" and output and input  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/02<br>18:15 |
| S129 | 1  | "20060001613" and output and input and driv\$4  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/02<br>18:27 |
| S130 | 1  | "20060001613" and output and driv\$4 and row and column   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/02<br>18:30 |
| S131 | 2  | "20060001613"   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/02<br>18:37 |
| S132 | 1  | "20060001613" and colour same data  | US-PGPUB; USPAT  | OR | ON | 2008/12/03<br>13:52 |
| S133 | 1  | "5874932".pn.   | US-PGPUB; USPAT  | OR | ON | 2008/12/03<br>15:06 |
| S134 | 1  | "5874932".pn. and brightness and subframe   | US-PGPUB; USPAT  | OR | ON | 2008/12/03<br>15:07 |
| S135 | 1  | "20070069992" and brightness same subframe  | US-PGPUB; USPAT  | OR | ON | 2008/12/03<br>15:09 |
| S136 | 1  | "5874932".pn. and driv\$4 same subframe   | US-PGPUB; USPAT  | OR | ON | 2008/12/03<br>16:50 |
| S137 | 1  | "20060001613" and processor and memory  | US-PGPUB; USPAT  | OR | ON | 2008/12/03<br>17:38 |
| S138 | 1  | "20060001613" and processor and (memory or stor\$6)   | US-PGPUB; USPAT  | OR | ON | 2008/12/03<br>17:39 |

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| S139 | 1       | "20060001613" and processor and (memory or stor\$6) and (instruction or code or data)  | US-PGPUB; USPAT  | OR | ON | 2008/12/03 17:46 |
| S140 | 2       | "20060001613" and generator  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/04 12:05 |
| S141 | 2       | "20070046603" and generator  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/04 12:06 |
| S142 | 3802912 | "20070046603" and generator or current   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/04 12:17 |
| S143 | 2       | "20070046603" and (generator or current)   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/04 12:17 |
| S144 | 2       | "20060001613" and (generator or current)   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/04 12:18 |
| S145 | 1       | "20060001613" and ((generator or current) same var\$6)   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/04 12:26 |
| S146 | 615     | (vari\$4 or ratio\$4 or chang\$4 or fluctuat\$4 or oscillat\$4) with (current adj generat\$5) same (current adj mirror)  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/04 12:36 |
| S147 | 16      | (US-20060050032-\$ or US-20060001613-\$ or US-20040125046-\$ or US-20050219163-\$ or US-20040263045-\$ or US-20020152813-\$ or US-20030189579-\$ or US-20020075216-\$ or US-20030018604-\$).did. or (US-6201520-\$ or US-6014119-\$ or US-5821690-\$ or US-5594463-\$ or US-5886755-\$ or US-6678319-\$ or US- | US-PGPUB; USPAT  | OR | ON | 2008/12/04 12:37 |

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|      |       | 6832729-\$).did.   |  |    |    |                  |
| S149 | 44    | organic adj5 display with driv\$4 and S146   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/04 12:40 |
| S150 | 24    | @ay<"2005" and S149  | US-PGPUB; USPAT  | OR | ON | 2008/12/04 12:40 |
| S151 | 11688 | organic with display with driv\$4  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/04 12:44 |
| S152 | 1779  | (vari\$4 or ratio\$4 or chang\$4 or fluctuat\$4 or oscillat\$4) with (current adj generat\$5) and (current adj mirror)                                     | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/04 12:44 |
| S153 | 12438 | ((organic adj7 display) or OLED) with driv\$4  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/04 12:55 |
| S154 | 1203  | "113" and S153   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/04 12:57 |
| S155 | 82    | S152 and S153  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/04 12:57 |
| S156 | 49    | @ay<"2005" and S155  | US-PGPUB; USPAT  | OR | ON | 2008/12/04 12:58 |
| S157 | 1161  | (vari\$4 or ratio\$4 or chang\$4 or fluctuat\$4 or oscillat\$4 or reduce or decrease) with current same (current adj generat\$5) same (current adj mirror) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/04 13:08 |
| S158 | 116   | (display or lcd or OLED or plasma) with driv\$4 and S157   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/04 13:10 |
| S159 | 64    | @ay<"2005" and S158  | US-PGPUB; USPAT  | OR | ON | 2008/12/04 13:10 |

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|------|--------|---|--|----|----|---------------------|
| S160 | 3089   | (vari\$4 or ratio\$4 or chang\$4 or fluctuat\$4 or oscillat\$4 or reduce or decrease) with current and (current adj generat\$5) same (current adj mirror)   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/04<br>17:13 |
| S161 | 134808 | (display or lcd or OLED or plasma) with driv\$4 and driver and21  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/04<br>17:14 |
| S162 | 199    | (display or lcd or OLED or plasma) with driv\$4 and driver and S160   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/04<br>17:14 |
| S163 | 117    | @ay<"2005" and S162   | US-PGPUB; USPAT  | OR | ON | 2008/12/04<br>17:15 |
| S164 | 40     | ("20020024513"   "20020063671"   "20020083655"   "20020158832"   "20030018604"   "20030193463"   "20040125046"   "20040150608"   "20040169463"   "20040249615"   "20050218791"   "20060001613"   "20060050032"   "20070069992"   "20070085779"   "3621321"   "4539507"   "4672265"   "5247190"   "5646652"   "5654734"   "5665901"   "5684502"   "5747182"   "5807627"   "5821690"   "6014119"   "6151414"   "6201520"   "6332661"   "6429601"   "6496168"   "6558219"   "6558818"   "6605823"   "6897473"   "7049010"   "7078251"   "7125952"   "7151341").PN. | US-PGPUB; USPAT  | OR | ON | 2008/12/04<br>17:42 |

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